MODIS TIMELINE ASSESSMENT TABLE (08/11/98)

1. Event Ref. #	2. Day # After Launch	3. Orbit # (a/b contact)	4. Name (Description)	5. Relationship	6. R/T Cmd	7. Stored Cmd	8. Stored cmd w/ RT telm	9. Approx. Duration	10. Notes
EVENTS IN THE SCHEDULE BELOW MUST OCCUR IN THE ORDER PRESENTED									
MOD-00	0	0	Launch						MODIS Off. All doors closed and latched
MOD-10	0	3-4	OA-06 MODIS transition to Survival Mode	Must occur 4 - 6 hours AFTER launch	x 2 min			2 min.	Survival Mode all doors closed and latched FIRST NEED FOR: R/T Command capability, H/K Telemetry TIMING CONSTRAINTS: Minimum 4 hours after launch for outgassing to prevent arcing Maximum 6 hours after launch for thermal reasons
MOD-20	7	7a	OA-06 MODIS transition to "on" state	Must occur at least 7 days AFTER launch	x 5 min			5 min.	on mode all doors closed and latched TIMING CONSTRAINTS: Allow sufficient time for contaminate dissipation and passive outgassing. Maximum time not defined, but must be done before SVD can be opened for initial outgassing.
MOD-30	7	7a	OA-06 MODIS transition to Standby Mode	Should occur immediately after MOD-20 is complete.	x 3 min			3 min.	Standby Mode all doors closed and latched TIMING CONSTRAINTS: "On" state is not a recognized mode. Placing MODIS in Standby Mode immediately after turn-on allows for standardized configuration
MOD-40-A	7	8a	OA-06 Unlatch MODIS Space View Door (SVD)		x 6 min.			6 min.	TIMING CONSTRAINTS: SVD must be unlatched before intial outgassing can begin. No Maximum time limit after Standby Mode transition.
MOD-50-A	7	8b	OA-06 Open Space View Door 5 degrees for Outgas	complete during the same orbit (next contact) the door was unlatched	x 3 min.			3 min.	Standby Mode; SVD open 5 degrees; NAD, SDD closed and latched DOOR MOVEMENT TIMING CONSTRAINTS: Immediately following SVD Unlatch activity allows for functional verification of SVD unlatch.
MOD-60	7	8b	OA-06 Initial Outgas (Macro 26)	Should occur during same contact as MOD-50.	x 3 min			14 days	Turn on 3 active outgas heaters TIMING CONSTRAINTS: Turn on outgas heaters immediately following SVD opening to facilitate outward flow of contaminates
MOD-70-A	21	7a	OA-01 Move Space View Door to Open Position	Must allow NO LESS than 10 days for active outgassing.	x 5 min			5 min	Standby Mode, SVD open, NAD, SDD closed and latched DOOR MOVEMENT TIMING CONSTRAINTS: Must follow initial outgassing by 10 days minimum to prevent contamination. Maximum time not defined.

1. Event Ref. #	2. Day # After Launch	3. Orbit # (a/b contact)	4. Name (Description)	5. Relationship	6. R/T Cmd	7. Stored Cmd	8. Stored cmd w/ RT telm	9. Approx. Duration	10. Notes
MOD-80-A	21	8a	OA-01 Go to Science Mode (uses OA-2)	Should occur soon after MOD-70 is complete	x 7 min.			7 min	BEGIN 13 WEEK A&E PERIOD Verify: proper scan mirror operation, Science Mode, SVD open, NAD, SDD closed and latched and Outgas heaters disabled. FIRST NEED FOR: Science Data downlink, Lvl 0 and EDS TIMING CONSTRAINTS: Must follow SVD Open activity to disable outgas heaters.
MOD-90	21	8	OA-01 Begin transitioning to Day /Night formatter rate during each orbit (uses OA-3, OA-4)	Begin at first terminator crossing following MOD-80		x			FIRST NEED FOR: Planning Aids, BAPs, stored commands TIMING CONSTRAINTS: Must follow Science Mode transition activity to prevent SSR Data overflow.
MOD-100	22	6	OA-01 Instrument Checkout MFI-11 [Electronics Characterization]				x 6 min	4 hours	Includes: Eng data packet, FPN, Ecals FIRST NEED FOR: Lvl 1B data TIMING CONSTRAINTS: No timing constraints once MODIS is in Science mode
MOD-110	22	9	OA-01 Instrument Checkout [PC-17 Spectroradiometric Calibration Performance]		x 21 min			33 min	Includes: 1 W spatial test: Watch 1st lamp turn-on REQUIRES EXTENDED TDRSS CONTACT TIMING CONSTRAINTS: No timing constraints once MODIS is in Science mode
MOD-120	22	10	OA-01 Instrument Check out MFI-09 [Blackbody Operation and DC Restore Functional Check]				x 6 min	8 hours	Includes: Macro #3 and/or Macro #4 (OA-26) THIS COMPLETES THE SBRS CHECKOUT TIMING CONSTRAINTS: No timing constraints once MODIS is in Science mode
MOD-125	23	2	OA-12 Table Load / Dump		x 12 min			12 min	OA-12 Load and dump software table to verify functionality REQUIRES EXTENDED TDRSS CONTACT TIMING CONSTRAINTS: No timing constraints once MODIS is in Science mode
MOD-130	23	4	OA-01: SDSM checkout		x 10 min			10 min	OA-15 with SDD closed. Functional verification of SDSM. TIMING CONSTRAINTS: No timing constraints once MODIS is in Science mode
MOD-140	23	6	OA-03 Reflective Band Noise Verification			x		50 min.	Day collection rate for 1 full orbit May require additional SSR capacity TIMING CONSTRAINTS: No constraints once initial checkout (MOD 130) is complete.
MOD-150	23	8	OA-19 SRCA Full Radiometric				x 20 min	45 min	Watch lamp turn on REQUIRES EXTENDED TDRSS CONTACT TIMING CONSTRAINTS: No timing constraints once initial checkout (MOD 100-130) is complete. Must wait 6 hours after previous SRCA activity.
MOD-160	24	11	OA-22 SRCA Full Spectral	Allow 4 hour cool-down period following MOD-160		x		6 hr. 15 min.	TIMING CONSTRAINTS: No timing constraints once initial checkout (MOD 100-130) is complete. Must wait 6 hours after previous SRCA activity.

1. Event Ref. #	2. Day # After Launch	3. Orbit # (a/b contact)	4. Name (Description)	5. Relationship	6. R/T Cmd	7. Stored Cmd	8. Stored cmd w/ RT telm	9. Approx. Duration	10. Notes
MOD-170	25	7a	OA-23 SRCA Full Spatial	Allow 6 hour cool-down period after MOD-150			x 20 min	65 min	Watch lamp and IR source turn on REQUIRES EXTENDED TDRSS CONTACT TIMING CONSTRAINTS: No timing constraints once initial checkout (MOD 100-130) is complete. Must wait 6 hours after previous SRCA activity.
MOD-180	25	9	OA-14 Sector Rotation (stray light)			x		10 min	TIMING CONSTRAINTS: No timing constraints once initial checkout (MOD 100-130) is complete.
	26 - 28								Allow 3 days for data analysis before beginning OA-09 TIMING CONSTRAINTS: Ensure MOD140-180 is complete and successful before unlatching/opening SDD. No maximum time constraint.
	28								BEGIN A & E WEEK 2
MOD-190-A	29	7a	OA-09 Unlatch Solar Diffuser Door	Must occur after SRCA, SDSM checkout verification	x 9 min.			9 min.	TIMING CONSTRAINTS: Ensure MOD140-180 is complete and successful before unlatching/opening SDD. Confidence in functionality of MODIS must be met. No maximum time constraint.
MOD-200-A	29	7b	OA-09 Open/Close SDD Test	Should occur during the first contact after unlatching the solar diffuser door	x 16 min.			16 min.	Verify SDD door operations before Yaw maneuver. Must occur while S/C is in darkness DOOR MOVEMENT TIMING CONSTRAINTS: Immediately following SDD Unlatch activity allows for functional verification of SDD unlatch.
MOD-210	30	1	OA-09 SD Scattered Light Mapping Part 1 (OA-16 SD/SDSM Screened)			x		14 min	EDS TIMING CONSTRAINTS: Scattered light mapping should begin soon after MOD-200 before the SD begins to degrade
MOD-220	30	2-7	OA-09 SD Scattered Light Mapping (yaw) Part 2			x		6 X 14 min	YAW MANUEVER during 6 Consecutive Orbits SDD Screened, NAD Closed, DOOR MOVEMENT, EDS TIMING CONSTRAINTS: Once OA-09 begins, it should be completed in a timely manner, before SD begins to degrade.
MOD-225	31	1-7	OA-09 SD Scattered Light Mapping (yaw) Part 3			x		7 X 14 min	YAW MANUEVER during 7 Consecutive Orbits SDD Screened, NAD Closed, DOOR MOVEMENT, EDS TIMING CONSTRAINTS: Once OA-09 begins, it should be completed in a timely manner, before SD begins to degrade
MOD-230	32	1	OA-09 SD Scattered Light Mapping Part 4 (OA-15 SD/SDSM Open)			x		14 min	DOOR MOVEMENT, EDS TIMING CONSTRAINTS: Once OA-09 begins, it should be completed in a timely manner, before SD begins to degrade

1. Event Ref. #	2. Day # After Launch	3. Orbit # (a/b contact)	4. Name (Description)	5. Relationship	6. R/T Cmd	7. Stored Cmd	8. Stored cmd w/ RT telm	9. Approx. Duration	10. Notes
MOD-240	32	2-7	OA-09 SD Scattered Light Mapping Part 5			x		6 X 14 min	YAW MANUEVER during 6 Consecutive Orbits SDD Open, NAD Closed DOOR MOVEMENT, EDS TIMING CONSTRAINTS: Once OA-09 begins, it should be completed in a timely manner, before SD begins to degrade
MOD-245	33	1-7	OA-09 SD Scattered Light Mapping Part 6			x		7 X 14 min	YAW MANUEVER during 7 Consecutive Orbits SDD Open, NAD Closed DOOR MOVEMENT, EDS TIMING CONSTRAINTS: Once OA-09 begins, it should be completed in a timely manner, before SD begins to degrade
MOD-250-A	34	1a	OA-09 Unlatch Nadir Door	Unlatch and open NAD in same R/T contact	x 10 min.			10 min.	TIMING CONSTRAINTS: NAD must be unlatched and opened between parts 6 and 7 of the scattered light mapping sequence
MOD-260-A	34	1a	OA-09 Open Nadir Door	Unlatch and open NAD in same R/T contact	x 4 min.			4 min	Science Mode, all doors open DOOR MOVEMENT TIMING CONSTRAINTS: NAD should be opened immediately after unlatching to allow for functional verification.
MOD-270	34	1	OA-09 SD Scattered Light Mapping Part 7 (OA-16 SD/SDSM Screened)			x		14 min	DOOR MOVEMENT, EDS TIMING CONSTRAINTS: Once OA-09 begins, it should be completed in a timely manner, before SD begins to degrade
MOD-280	34	2-7	OA-09 SD Scattered Light Mapping Part 8			x		6 X 14 min	YAW MANUEVER during 6 Consecutive Orbits SDD Screened, NAD Open, DOOR MOVEMENT, EDS TIMING CONSTRAINTS: Once OA-09 begins, it should be completed in a timely manner, before SD begins to degrade
MOD-285	35	1-7	OA-09 SD Scattered Light Mapping Part 8			x		7 X 14 min	BEGIN A & E WEEK 3 YAW MANUEVER during 7 Consecutive Orbits SDD Screened, NAD Open, DOOR MOVEMENT, EDS TIMING CONSTRAINTS: Once OA-09 begins, it should be completed in a timely manner, before SD begins to degrade
MOD-290	35	8	OA-09 SD Scattered Light Mapping Part 9 (OA-16 SD/SDSM Screened)			x		14 min	DOOR MOVEMENT, EDS TIMING CONSTRAINTS: Once OA-09 begins, it should be completed in a timely manner, before SD begins to degrade

UNLESS NOTED, EVENTS IN THE SCHEDULE BELOW MAY OCCUR OUT OF THE ORDER PRESENTED

MOD-310	36		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		14 X 14 min	SD: continuous cycle of 2 orbits screened, 1 orbit open EDS
MOD-320	36		OA-22 SRCA Full Spectral			x		6 hr. 15 min.	
MOD-330	36		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-340	36		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-350	36		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-360	36		OA-03 Reflective Band Noise Verification			x		50 min.	Day collection rate for 1 full orbit
MOD-370	36		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-380	36		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-390	37		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		14 X 14 min	SD: continuous cycle of 2 orbits screened, 1 orbit open EDS
MOD-400	37		OA-23 SRCA Full Spatial			x		65 min	Day Side
MOD-410	37		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-420	37		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-430	37		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-440	37		OA-14 Sector Rotation (stray light)			x		10 min	
MOD-450	37		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-460	37		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-470	38		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		14 X 14 min	SD: continuous cycle of 2 orbits screened, 1 orbit open EDS
MOD-480	38		OA-22 SRCA Full Spectral			x		6 hr. 15 min.	
MOD-490	38		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-500	38		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-510	38		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-520	38		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-530	38		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-540	39		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		14 X 14 min	SD: continuous cycle 2 orbits screened, 1 open
MOD-550	39		OA-23 SRCA Full Spatial			x		65 min	Night Side
MOD-560	39		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	Do SD/SDSM before and after
MOD-570	39		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-580	39		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-590	39		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 times

MOD-600	39		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-610	40		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		14 X 14 min	SD: continuous cycle 2 orbits screened, 1 open
MOD-620	40		OA-22 SRCA Full Spectral			x		6 hr. 15 min.	
MOD-630	40		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-640	40		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-650	40		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-660	40		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-670	40		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-680	41		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		14 X 14 min	SD: continuous cycle 2 orbits screened, 1 open
MOD-690	41		OA-23 SRCA Full Spatial			x		65 min	Day Side
MOD-700	41		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-710	41		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-720	41		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-730	41		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-740	41		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-750	42		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		14 X 14 min	BEGIN A&E WEEK 4 SD: continuous cycle 2 orbits screened, 1 open
MOD-760	42		OA-22 SRCA Full Spectral			x		6 hr. 15 min.	
MOD-770	42		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-780	42		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-790	42		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-800	42		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-810	42		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-820	43		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		14 X 14 min	SD: continuous cycle 2 orbits screened, 1 open
MOD-830	43		OA-23 SRCA Full Spatial			x		65 min	Night Side
MOD-840	43		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-850	43		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-860	43		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-870	43		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-880	43		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-890	44		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		14 X 14 min	SD: continuous cycle 2 orbits screened, 1 open
MOD-900	44		OA-22 SRCA Full Spectral			x		6 hr. 15 min.	
MOD-910	44		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	

MOD-920	44		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-930	44		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-940	44		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-950	44		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-960	45		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		14 X 14 min	SD: continuous cycle 2 orbits screened, 1 open
MOD-970	45		OA-23 SRCA Full Spatial			x		65 min	Day Side
MOD-980	45		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-990	45		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-1000	45		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-1010	45		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-1020	45		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-1025	46		OA-22 SRCA Full Spectral			x		6 hr. 15 min.	
MOD-1030	46		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: continuous cycle 2 orbits screened, 1 open
MOD-1035	46		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-1040	46		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-1043	46		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-1045	46		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-1047	46		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-1050	47		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: continuous cycle 2 orbits screened, 1 open
MOD-1055	47		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-1060	47		OA-23 SRCA Full Spatial			x		65 min	Night Side
MOD-1063	47		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-1065	47		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-1067	47		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-1070	47		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-1075	48		OA-22 SRCA Full Spectral			x		6 hr. 15 min.	
MOD-1080	48		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: continuous cycle 2 orbits screened, 1 open
MOD-1085	48		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-1090	48		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-1093	48		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-1095	48		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 times
MOD-1097	48		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-1100	48		OA-26 OBC BB On/Off			x		4 hours	

MOD-1110	49		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	BEGIN A&E WEEK 5 SD: orbits 5 and 10 screened, orbit 14 open
MOD-1120	49		OA-23 SRCA Full Spatial			x		65 min	Day Side
MOD-1130	50		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1140	50		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-1150	50 (TBD)		OA-08 Lunar Calibration (via SVP)	8/12/98 - ABOUT 00:13:07 (start time of lunar view)				15 min	Moon in MODIS SVP
MOD-1160	51		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1170	51		OA-23 SRCA Full Spatial			x		65 min	Night Side
MOD-1180	51		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-1190	52		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1200	52		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-1210	53		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1220	53		OA-23 SRCA Full Spatial			x		65 min	Day Side
MOD-1230	54		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1240	54		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-1250	55		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1260	55		OA-23 SRCA Full Spatial			x		65 min	Night Side
MOD-1270	55		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-1280	56		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	BEGIN A&E WEEK 6 SD: orbits 5 and 10 screened, orbit 14 open
MOD-1290	56		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-1300	57		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1320	58		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1330	58		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-1340	59		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1360	59		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-1365	60		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-1370	60		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1380	60		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-1390	61		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1400	61		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-1410	61 ??		OA-11 Field Campaign	Schedule TBD				TBD	May cancel OBC activities
MOD-1420	62		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open

MOD-1430	62		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-1440	63		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	BEGIN A&E WEEK 7 SD: orbits 5 and 10 screened, orbit 14 open
MOD-1443	63		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-1445	63		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-1450	63		OA-22 SRCA Full Spectral			x		6 hr. 15 min.	
MOD-1453	64		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-1455	64		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-1460	64		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1470	65		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1473	65		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-1475	65		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-1480	65		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-1483	66		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-1485	66		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-1490	66		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1500	67		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1510	67		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-1520	67		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-1530	67		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-1540	68		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1550	68		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-1560	68		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-1570	68		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-1580	69		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	SD: orbits 5 and 10 screened, orbit 14 open
MOD-1590	69		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-1600	69		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-1610	69		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-1620	70		OA-15 SD/SDSM Open OA-16 SD/SDSM Screened			x		3 X 14 min	BEGIN A&E WEEK 8 SD: orbits 5 and 10 screened, orbit 14 open

MOD-1630	70		OA-22 SRCA Full Spectral			x		6 hr. 15 min.	
MOD-1660	71		OA-15 SD/SDSM Open			x		3 X 14 min	
MOD-1670	71		OA-10 Response vs Scan Angle (deep space)	Occurs approx 40 days after Science Data rcpt.				42 min	thermal algorithm must be good
MOD-1700	72		OA-16 SD/SDSM Screened			x		3 X 14 min	
MOD-1710	72		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-1740	73		OA-16 SD/SDSM Screened			x		3 X 14 min	
MOD-1750	73		OA-26 OBC BB On/Off			x		4 hours	
MOD-1780	74		OA-15 SD/SDSM Open			x		14 min	
MOD-1790	74		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-1800	75		OA-16 SD/SDSM Screened			x		14 min	
MOD-1810	75		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-1820	75		OA-18 SDSM Operations	SAA characterization		x		15 min	
MOD-1830	76		OA-16 SD/SDSM Screened			x		14 min	
MOD-1840	76		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-1850	77		OA-15 SD/SDSM Open			x		14 min	BEGIN A&E WEEK 9
MOD-1860	77		OA-22 SRCA Full Spectral			x		6 hr. 15 min.	
MOD-1870	78		OA-16 SD/SDSM Screened			x		14 min	
MOD-1880	78		OA-03 Reflective Band Noise Verification			x		3 X 50 min.	Day collection rate for 3 full, non-consecutive orbits
MOD-1890	79		OA-16 SD/SDSM Screened			x		14 min	
MOD-1900	79		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-1910	80		OA-15 SD/SDSM Open			x		14 min	
MOD-1920	80 (TBD)		OA-08 Lunar Calibration (via SVP)	9/10/98 - ABOUT 06:30:21 (start time of lunar view)				15 min	Moon in MODIS SVP
MOD-1930	81		OA-16 SD/SDSM Screened			x		14 min	
MOD-1940	81		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-1950	82		OA-16 SD/SDSM Screened			x		14 min	
MOD-1960	82		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-1970	83		OA-15 SD/SDSM Open			x		14 min	
MOD-1980	83		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-1990	84		OA-16 SD/SDSM Screened			x		14 min	BEGIN A&E WEEK 10
MOD-2000	84		OA-22 SRCA Full Spectral			x		6 hr. 15 min.	
MOD-2010	85		OA-16 SD/SDSM Screened			x		14 min	
MOD-2020	86		OA-15 SD/SDSM Open			x		14 min	
MOD-2030	86		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-2040	87		OA-16 SD/SDSM Screened			x		14 min	
MOD-2050	88		OA-16 SD/SDSM Screened			x		14 min	
MOD-2060	88		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-2070	89		OA-15 SD/SDSM Open			x		14 min	
MOD-2080	89		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-2090	89		OA-17 Sector Shift to MODIS Corner			x		5 min	
MOD-2100	90		OA-16 SD/SDSM Screened			x		14 min	

MOD-2110	90		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-2120	91		OA-16 SD/SDSM Screened			x		14 min	BEGIN A&E WEEK 11
MOD-2130	91		OA-22 SRCA Full Spectral			x		6 hr. 15 min.	
MOD-2140	92		OA-15 SD/SDSM Open			x		14 min	
MOD-2150	92		OA-26 OBC BB On/Off			x		4 hours	
MOD-2160	93		OA-16 SD/SDSM Screened			x		14 min	
MOD-2170	93		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-2180	94		OA-16 SD/SDSM Screened			x		14 min	
MOD-2190	95		OA-15 SD/SDSM Open			x		14 min	
MOD-2200	95		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-2210	96		OA-16 SD/SDSM Screened			x		14 min	
MOD-2220	96		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-2230	97		OA-16 SD/SDSM Screened			x		14 min	
MOD-2240	97		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-2250	98		OA-15 SD/SDSM Open			x		14 min	
MOD-2260	98		OA-22 SRCA Full Spectral			x		6 hr. 15 min.	
MOD-2270	98		OA-03 Reflective Band Noise Verification			x		3 X 50 min.	Day collection rate for 3 full, non-consecutive orbits
MOD-2280	99		OA-16 SD/SDSM Screened			x		14 min	BEGIN A&E WEEK 12
MOD-2290	100		OA-16 SD/SDSM Screened			x		14 min	
MOD-2300	100		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-2310	101		OA-15 SD/SDSM Open			x		14 min	
MOD-2320	102		OA-16 SD/SDSM Screened			x		14 min	
MOD-2330	102		OA-23 SRCA Full Spatial			x		65 min	Day Side
MOD-2340	102		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-2350	102		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-2360	103		OA-16 SD/SDSM Screened			x		14 min	
MOD-2370	103		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-2380	103		OA-14 Sector Rotation (stray light)			x		10 min	
MOD-2390	104		OA-15 SD/SDSM Open			x		14 min	
MOD-2400	104		OA-23 SRCA Full Spatial			x		65 min	Night Side
MOD-2410	104		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-2420	104		OA-17 Sector Shift to MODIS Corner			x		5 min	
MOD-2430	105		OA-16 SD/SDSM Screened			x		14 min	
MOD-2440	105		OA-22 SRCA Full Spectral			x		6 hr. 15 min.	
MOD-2450	106		OA-16 SD/SDSM Screened			x		14 min	BEGIN A&E WEEK 13
MOD-2460	106		OA-23 SRCA Full Spatial			x		65 min	Day Side
MOD-2463	106		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-2465	106		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-2470	106		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-2480	107		OA-15 SD/SDSM Open			x		14 min	

MOD-2483	107		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-2485	107		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-2490	107		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-2500	108		OA-16 SD/SDSM Screened			x		14 min	
MOD-2503	108		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-2505	108		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-2510	108		OA-23 SRCA Full Spatial			x		65 min	Night Side
MOD-2520	108		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-2530	109		OA-16 SD/SDSM Screened			x		14 min	
MOD-2540	109		OA-20 SRCA 10W Radiometric			x		50 min	
MOD-2550	109		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-2560	109		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-2570	110		OA-15 SD/SDSM Open			x		14 min	
MOD-2580	110		OA-23 SRCA Full Spatial			x		65 min	Day Side
MOD-2590	110		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-2600	110		OA-21 SRCA 1W Radiometric			x		99 min.	
MOD-2610	110		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-2620	110		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-2630	111		OA-16 SD/SDSM Screened			x		14 min	
MOD-2640	111		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-2650	111		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-2660	112		OA-16 SD/SDSM Screened			x		14 min	
MOD-2670	112		OA-23 SRCA Full Spatial			x		65 min	Night Side
MOD-2680	112		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-2690	112		OA-08 Lunar Calibration (via SVP) - 3	10/9/98 - 14:22:58 (start time lunar view)				15 min	Moon in MODIS SVP
MOD-2700	112		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-270	112		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-2720	113		OA-15 SD/SDSM Open			x		14 min	
MOD-2730	113		OA-22 SRCA Full Spectral			x		6 hr. 15 min.	
MOD-2740	113		OA-27 PV Electronic Calibration			x		3 X 2 min	BEGIN A&E WEEK 14 Do 3 Times
MOD-2750	110		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-260	114		OA-16 SD/SDSM Screened			x		14 min	
MOD-2770	114		OA-19 SRCA Full Radiometric	Run SDSM before and after		x		44 min	
MOD-2780	114		OA-21 SRCA 1W Radiometric			x		99 min.	

MOD-2790	114		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-2800	114		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-2810	115		OA-16 SD/SDSM Screened			x		14 min	
MOD-2820	115		OA-27 PV Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-2830	115		OA-28 PC Electronic Calibration			x		3 X 2 min	Do 3 Times
MOD-2840	(TBD)		OA-11 Field Campaign - 1	May cancel OBC activities				TBD	
MOD-2850	116		Last chance to add something						END A&E

Notes:

1. "Event Reference #" is a unique number identifying this activation event.
A number ending with the character "A" indicates a critical activation event requiring IOT presence in the EOC as well as a Command Authorization Meeting (CAM).

2. "# of Days After Launch" is the elapsed time of the mission. Some events may carry over to the next day.

3. Orbit # specifies the desired orbit of the day (1-14). When specifying between two contacts in the same orbit, "a" or "b" is used (assumes two contacts per orbit).

4. "Name" provides a description of the event.

5. "Relationship" indicates any relationship this event has with other events.

6. "R/T Cmd" indicates those activation events which will be executed using the realtime command capability.

7. "Stored Cmd" indicates those activation events which will be executed through stored commands.

8. "Stored cmds w/ RT telm" indicates those activation events which will be executed through stored commands, but which must also occur simultaneously with realtime command/telemetry capability.

9. "Approx Dur of Event" indicates the approximate length of time to complete this event.

10. "Notes" indicates additional information pertinent to this activation event, including addition details on timing constraints.